

MINUTES

NORTH DAKOTA STATE WATER COMMISSION

Held in Pembina City Hall
Pembina, North Dakota

April 16, 1971

The meeting was called to order at 10:30 a.m. in the Pembina City Hall, Pembina, North Dakota, on April 16, 1971, with Vice Chairman Richard Gallagher presiding.

PRESENT:

Richard Gallagher, Vice Chairman, Mandan
Gordon Gray, Member from Valley City
Harold Hanson, Member from New England
James Jungroth, Member from Jamestown
Alvin Kramer, Member from Minot
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,
North Dakota State Water Commission, Bismarck

OTHERS PRESENT:

Alan Grindberg, Assistant Chief Engineer, North Dakota State Water
Commission, Bismarck
Albert Christopher, Pembina
A. Franklyn Barron, Mayor, Pembina
George Brown, Chairman, Pembina County Water Management District, Cavalier
William Grandy, Commissioner, Pembina County Water Management District, St. Thomas
Robert W. Stenfors, U. S. Army Corps of Engineers, St. Paul

Governor William L. Guy extended his regrets for being unable to attend the meeting of the State Water Commission being held in Pembina, North Dakota.

MINUTES OF FEBRUARY 26, 1971
MEETING APPROVED

that they be approved as circulated. Commissioner Kramer seconded and all members voted aye.

Commissioner Jungroth moved that the reading of the minutes of the February 26, 1971 meeting be dispensed with and

FINANCIAL STATEMENT FOR
MONTH OF MARCH, 1971
APPROVED

Secretary Hoisveen presented the financial statement for the month of March, 1971, and commented on the condition of the various funds.

Commissioner Kramer moved that the financial statement for the month of March, 1971, be approved as presented. Commissioner Hanson seconded and all members voted aye.

UNITED STATES-CANADA BOUNDARY
FLOODING SITUATION
(#1169)

Secretary Hoisveen then reported to the Commission on the flooding situation in the Pembina River Basin with emphasis on the area to the immediate west of

Pembina where the flooding was caused by a dike on the Canadian border.

Secretary Hoisveen read a letter from Mr. Grant Trenbeath, which was addressed to Governor William L. Guy. In this letter, Mr. Trenbeath asked for a moratorium on drainage in the upper part of the Pembina River drainage basin until the Pembina Dam is built.

Vice Chairman Gallagher and Commissioner Jungroth suggested that a resolution be passed, much as the one that had been prepared, with a few amendments. Vice Chairman Gallagher read a letter from the municipality of Rhinelander, which indicated the attitude of the Canadian Government in regard to diking on the border. It was apparent from this letter that the situation is not likely to improve unless some sort of a resolution is forced on the local people by their Federal or Provincial Government.

Commissioner Gray moved that Resolution 71-4-294, Order Prohibiting Drainage Within the Pembina River Basin, be adopted. Commissioner Hanson seconded and all members voted aye. (See Appendix "A")

Secretary Hoisveen discussed the procedures that would be needed to obtain a resolution of the current situation on the Canadian border. Secretary Hoisveen stated that he felt that the International Joint Commission could ask the Souris-Red River Engineering Board to investigate into the problem and make recommendations to the International Joint Commission pursuant to the solution.

Secretary Hoisveen also reported on discussions conducted during his recent trip to Washington, D. C. There he called on the State Department and the International Joint Commission. He stated that it was obvious that neither of these agencies appeared very anxious to take any action in regard to this situation.

Commissioner Jungroth moved that the State Water Commissioner adopt Resolution 71-4-295, International Joint Commission Study of Dike Conditions Along Canadian Border. Commissioner Kramer seconded and all members voted aye. (See Appendix "B")

WEST RIVER DIVERSION (#1543)

The U. S. Bureau of Reclamation has asked the United States Congress for funds to study the water supply situation in the west river area of North Dakota. They have asked the State Water Commission to support this request. They feel that water for a coal using industry in North Dakota could have an extremely high value, even high enough so that the diversion of waters from the Garrison Reservoir could be feasible.

Commissioner Hanson moved that the State Water Commission pass Resolution 71-4-293, Supporting the Study by the U. S. Bureau of Reclamation of the Diversion of Missouri River Waters into Western North Dakota, which affirms the support of the State Water Commission for a study of the diversion of waters. Commissioner Gray seconded and all members voted aye. (See Appendix "C")

NORTH DAKOTA WATER USERS
ASSOCIATION DUES

services rendered for \$2,000.

Secretary Hoisveen presented a bill which had been received from the North Dakota Water Users Association for

Commissioner Kramer moved that the State Water Commission approve the payment of this bill. Commissioner Hanson seconded and all members voted aye.

MCLEAN COUNTY WATER
MANAGEMENT DISTRICT
(#1541)

and that there had been no objection to the formation of a water management district in McLean County.

Secretary Hoisveen presented the report of the State Engineer on the McLean County Water Management District. He stated that the hearings had been held

Commissioner Hanson moved that the State Water Commission order the establishment of the McLean County Water Management District to include all of McLean County, and that Resolution 71-4-296, Authorizing the Establishment of McLean County Water Management District, be adopted. Commissioner Jungroth seconded and all members voted aye. (See Appendix 'D')

NORTHWESTERN BELL TELEPHONE
COMPANY'S REQUEST FOR CABLE
CROSSING UNDER THE HEART
RIVER SOUTH OF HEBRON
(#1373)

Secretary Hoisveen read a letter from the Northwestern Bell Telephone Company asking for permission to install a cable across the Heart River south of Hebron.

Commissioner Jungroth moved that the State Water Commission approve the stream crossing by Northwestern Bell Telephone Company. Commissioner Kramer seconded and all members voted aye.

SHEEP CREEK DAM
DEDICATION
(#1358)

in the dedication of Sheep Creek Dam on June 4, 1971.

Secretary Hoisveen read a letter from the Elgin Days Committee formally requesting the State Water Commission to hold a meeting in Elgin and participate

Commissioner Hanson moved that the State Water Commission accept the invitation. Commissioner Gray seconded and all members voted aye.

STATE AUDITORS' REPORT
OF STATE WATER COMMISSION
RECORDS - JULY 1, 1969-
JUNE 30, 1970

members voted aye.

Commissioner Hanson moved that the State Water Commission note the receipt of the report of the State Auditor, and advise the Auditor of this action. Commissioner Kramer seconded and all

REPORT ON FLOODING
SITUATION IN THE
PEMBINA RIVER BASIN
(#1169)

Vice Chairman Gallagher then called on Mr. Robert Stenfors, U. S. Army Corps of Engineers, St. Paul, to report on the current flooding situation in the Pembina River Basin. Mr. Stenfors

reported that the first crest at Neche reached a stage of 22.2 feet and that the second crest would be coming in approximately five days to a week and would reach a crest of 18 to 20 feet. The south dike along the Pembina River held, but the north dike broke allowing the water to flow along the Canadian border. The Canadian dike is holding. The Canadians call it a road, but really it is a dike with a one-way maintenance road on top; one pickup can drive along the top of it. There are culverts through it, however, the Canadians have covered the culverts with snowfences and haybales. Considerable discussion revolved around the situation regarding the diking in the basin.

REQUEST FOR PROGRAMMING
ACTIVITIES ON THE
CANNONBALL RIVER
(#262)

Secretary Hoisveen presented a letter from the Water Resources Research Institute Director requesting additional funding to help maintain his staff so that he can give proper assistance to

the State Water Commission in planning on the Cannonball River. Commissioner Hanson noted that he felt that this planning was of vital importance to that area.

Commissioner Hanson moved that the State Water Commission contract with the Water Resources Research Institute in the amount of \$4,400 a year to allow the Institute to maintain the proper staff to assist in the planning. Commissioner Jungroth seconded and all members voted aye.

EMMONS, DUNN, GRANT
AND SIOUX COUNTIES
GROUND-WATER STUDIES
(#948, 946 and 951)

Secretary Hoisveen stated that requests had been received from four counties for county-wide ground-water studies. These would give us the three projects which we are able to undertake in the ensuing

year. Those counties from which requests have been received are Emmons County, Dunn County, Grant County and Sioux County. These later two will be conducted as one project. The total costs are as follows:

Emmons County	- \$158,000	- SWC Share \$38,000
Dunn County	- \$200,000	- SWC Share \$37,000
Grant and Sioux Counties	- \$237,600	- SWC Share \$39,400

Commissioner Hanson moved that the State Water Commission approve the participation of these three ground-water study projects. Commissioner Jungroth seconded and all members voted aye.

PEMBINA COUNTY DRAIN
NO. 5
(#1330)

Secretary Hoisveen reported that this drain was originally constructed to drain excess water into the Red River in 1898. It now needs complete

rehabilitation. The State Water Commission share of the proposed rehabilitation would be \$13,770.

Commissioner Gray moved that the State Water Commission participate in this drain in an amount not to exceed \$13,770. Commissioner Kramer seconded and all members voted aye.

WILLOW CREEK "KITZING-BLOCK" CHANNEL CHANGE (#820)

Secretary Hoisveen reported that the proposed channel change is located in lower Bottineau and upper McHenry Counties in the Willow Creek area. The

State Water Commission has been requested to participate in the cost sharing at an estimated amount of \$3,000. The work is to be performed at the local level with the State Water Commission supplying guidance to see that the work is performed in accordance with our specifications.

Commissioner Kramer moved that the State Water Commission participate in the construction of this channel change at an estimated amount of \$3,000. Commissioner Gray seconded and all members voted aye.

WATER PERMITS NOS. 1744, 1748, 1749, 1750, 1751, 1752 and 1758

Secretary Hoisveen presented seven water permits to the Commission for consideration. It was the recommendation of the State Engineer that these water permits be approved.

It was moved by Commissioner Hanson, seconded by Commissioner Gray and carried that the seven Conditional Permits be approved, subject to such conditions as indicated on the permit. (See Appendix "E")

EXPENSES FOR THE CHAIRMAN OF THE SOURIS-RED-RAINY RIVER BASINS COMMISSION CITIZENS' ADVISORY COMMITTEE (#305)

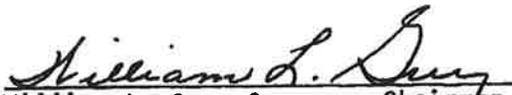
Commissioner Hanson moved that this be placed on the agenda for the next meeting of the State Water Commission. Commissioner Kramer seconded and all members voted aye.

meeting adjourned at 1:15 p.m.

There being no further business, the


Milo W. Hoisveen, Secretary

ATTEST:


William L. Guy, Governor-Chairman

RESOLUTION 71-4-294

APPENDIX "A"

Order Prohibiting Drainage Within
The Pembina River Basin

WHEREAS, the Pembina River, an international stream, drains thousands of acres of fertile farmland in Canada and the United States; and

WHEREAS, frequent flooding by the Pembina River has caused the loss of human life and millions of dollars in damage and destroyed crops, roads, bridges and buildings.

NOW, THEREFORE, BE IT RESOLVED that the North Dakota State Water Commission in its meeting held in Pembina, North Dakota, on this 16th day of April, 1971, by virtue of the authority vested in it by Section 61-02-14, North Dakota Century Code, does hereby prohibit and order the cessation of construction of drainage structures within the Pembina River Basin west of Highway No. 32 in North Dakota.

BE IT FURTHER RESOLVED that this Order shall not apply to any legal drainage project designed by engineers employed by any federal, state or local governmental entity which is approved by the State Water Commission.

BE IT FURTHER RESOLVED that this Order shall remain in effect until formally rescinded by the North Dakota State Water Commission.

BE IT FURTHER RESOLVED that a copy of this Order shall be published in a newspaper having general circulation within the Pembina River Basin in North Dakota and copies shall also be forwarded to all County Commissioners, Township Supervisors Water Management Districts, Soil Conservation Districts and all local, state and federal officials and agencies concerned with or having an interest in or impact upon the water and related natural resources within the Pembina River Basin in North Dakota, and to the Honorable Ed Schreier, Premier of Manitoba, Canada.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

(SEAL)

/S/ William L. Guy
William L. Guy, Governor-Chairman

ATTEST:

/S/ Milo W. Hoisveen
Milo W. Hoisveen, Secretary

RESOLUTION 71-4-295

APPENDIX "B"

International Joint Commission Study of
Dike Conditions Along Canadian Border

WHEREAS, certain dikes constructed along the Canadian-United States border between the Province of Manitoba and the State of North Dakota impair the natural flow of water within the Pembina River Basin between the two Nations; and

WHEREAS, such dikes have materially contributed to the flooding within the Pembina River Basin in North Dakota which flooding has caused immeasurable damages to farmland, crops, roads, bridges and buildings; and

WHEREAS, such dikes were constructed and are maintained in apparent violation of the Boundary Waters Treaty, 1909; and

WHEREAS, the International Joint Commission is empowered to act upon all such cases which apparently violate the Boundary Waters Treaty, 1909.

NOW, THEREFORE, BE IT RESOLVED that the North Dakota State Water Commission at its regular meeting held in Pembina, North Dakota, on this 16th day of April, 1971, hereby respectfully requests the International Joint Commission, at its next executive meeting, to direct the Souris-Red River Engineering Board to conduct a study of all dikes constructed and maintained along the Canadian-United States border between the Province of Manitoba and the State of North Dakota and the impact of such dikes upon the flooding situation within the Pembina River Basin.

BE IT FURTHER RESOLVED that the Secretary of the North Dakota State Water Commission is hereby directed to forward copies of this Resolution to the Secretary of the Department of State; the Canadian Department of External Affairs, Ottawa; Chairmen of the Canadian and United States Sections of the International Joint Commission; U. S. Army Corps of Engineers; Commissioner, U. S. Bureau of Reclamation; Members of the North Dakota Congressional Delegation; the Minister

RESOLUTION 71-4-293

APPENDIX "C"

Supporting the Study by the U. S. Bureau of Reclamation
of the Diversion of Missouri River Waters into
Western North Dakota

WHEREAS, the western portion of North Dakota is an extremely water-short area; and

WHEREAS, there exists in this area an abundance of lignite coal reserves; and

WHEREAS, it is obvious that within a few years the industrial and power generating uses of this lignite will demand great amounts of water; and

WHEREAS, there are several proposals for studies to determine a more feasible method of moving water from Garrison Dam into this area; and

WHEREAS, one of these studies is to be conducted by the U. S. Bureau of Reclamation; and

WHEREAS, the North Dakota State Legislature has appropriated \$100,000 to the North Dakota State Water Commission to cooperate with federal agencies in causing such a study to be made.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at its regular meeting held in Pembina, North Dakota, on this 16th day of April, 1971, that it does encourage the proposed study of the diversion of Missouri River waters into the headwaters of the western tributaries of North Dakota to be made by the U. S. Bureau of Reclamation and other United States agencies with the understanding that the aims and goals of such a study will be consistent with the aims and goals of the North Dakota State Water Commission and with the understanding that a close liaison be maintained with the State Water Commission.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

(SEAL)

/S/ William L. Guy
William L. Guy, Governor-Chairman

ATTEST:

/S/ Milo W. Hoisveen
Milo W. Hoisveen, Secretary

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of Northern Affairs and Natural Resources, Ottawa; the Minister of Agriculture, Ottawa; the Prime Minister of Manitoba; and the Minister of Agriculture and Conservation, Manitoba.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

(SEAL)

ATTEST:

/S/ William L. Guy

William L. Guy
Governor-Chairman

/S/ Milo W. Hoisveen

Milo W. Hoisveen
Secretary

APPENDIX 'D'

RESOLUTION 71-4-296

Authorizing the Establishment of
McLean County Water Management District

WHEREAS, McLean County, North Dakota, acting by and through its Board of County Commissioners, on the 3rd day of March, 1971, filed with the North Dakota State Water Commission its petition requesting the establishment of a water management district embracing the territory within McLean County; and

WHEREAS, the report of the Chief Engineer of this Commission and the facts adduced at a public hearing held in the McLean County Courthouse on the 22nd day of March, 1971, disclosed that the investigation, regulation and conservation of water-bearing aquifers within McLean County can best be accomplished by a water management district in cooperation with state and federal agencies.

NOW, THEREFORE, BE IT RESOLVED that the North Dakota State Water Commission, in meeting duly assembled this 16th day of April, 1971, in Pembina, North Dakota, do hereby authorize and direct the Chairman and Secretary of this Commission to execute an Order establishing a water management district embracing the territory within McLean County and designated the McLean County Water Management District.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

(SEAL)

/S/ William L. Guy
William L. Guy
Governor-Chairman

ATTEST:

/S/ Milo W. Hoisveen
Milo W. Hoisveen
Secretary

WATER PERMITS FOR APRIL 16, 1971 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1744	Cook, Joseph B. and James K.- Hazen	The Knife River and Intermittent Stream	Irrigation- Waterspreading & Sprinkler	414.0 acre-feet 207.0 acres	207.0 acre-feet 207.0 acres
1748	Papka, Darrell L.- Hettinger	Flat Creek and Intermittent Stream, trib. to North Fork of the Grand River	Irrigation- Waterspreading	280.0 acre-feet 140.5 acres	140.5 acre-feet 140.5 acres
1749	Ficenec, Francis- Milnor	Ground Water	Irrigation	140.0 acre-feet 109.0 acres	140.0 acre-feet 109.0 acres
1752	Jordan, John M.- Mott	Thirty-Mile Creek, trib. to Cannonball River	Irrigation- Waterspreading	45.6 acre-feet 45.6 acres	45.6 acre-feet 45.6 acres
1750	Ellendale, City of- Ellendale	Ground Water	Municipal	967.0 acre-feet	967.0 acre-feet
1751	Park, Phillip A.- Steele	Ground Water	Irrigation	299.5 acre-feet 199.7 acres	299.5 acre-feet 199.7 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1758	Neustel, Richard- Robinson	Ground Water	Irrigation	666.0 acre-feet 444.0 acres	666.0 acre-feet 444.0 acres

NORTH DAKOTA STATE WATER COMMISSION
FINANCIAL STATEMENT - APRIL 30, 1971
1969-71 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	APR. '71	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1009-Salaries Expense (1)	\$ 810,732.05	\$ -	\$ 696,134.49	\$35,030.84	\$114,597.56	\$ -	\$114,597.56
2009-Fees & Services (2)	142,300.00	-	119,134.25	5,312.48	23,165.75	-	23,165.75
3009-Supplies & Materials (3)	170,500.00	-	114,142.46	7,060.83	56,357.54	-	56,357.54
4009-Equipment	35,000.00	-	29,355.91	-	5,644.09	5,516.00	128.09
5909-Special Line Item	1,168.95	-	-	-	1,168.95	-	1,168.95
7709-Red Basin Comm.	60,000.00	-	59,796.57	-	203.43	-	203.43
TOTAL GENERAL OPERATIONS	\$1,137,701.00		\$1,018,563.68	\$40,404.15	\$201,137.32	\$ 5,516.00	\$195,621.32
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 850,000	\$1,850,000.00						
Collections to Date		\$ 842,188.53					
Transfer from 001 to 336		<u>1,000,000.00</u>					
			<u>\$1,738,840.23</u>	<u>\$ 200.00</u>	<u>\$111,159.77</u>	<u>\$104,055.00</u>	<u>\$ 7,104.77</u>
TOTAL CONTRACT FUND	\$1,850,000.00	\$1,842,188.53	\$1,738,840.23	\$ 200.00	\$111,159.77	\$104,055.00	\$ 7,104.77
GRAND TOTALS	<u>\$3,069,701.00</u>	<u>\$1,842,188.53</u>	<u>\$2,757,403.91</u>	<u>\$40,604.15</u>	<u>\$312,297.09</u>	<u>\$109,571.00</u>	<u>\$202,726.09</u>

- (1) Includes \$82,000.00 Federal Grants
- (2) Includes \$ 2,300.00 Federal Grants
- (3) Includes \$20,000.00 Federal Grants

NORTH DAKOTA STATE BOND COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF APRIL 30, 1971

ACCOUNT	Available Funds		Disbursements TO DATE APR. '71	Account Balances		
	APPROPRIATION	RECEIPTS*		UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$38,866.79	\$29,366.79	\$90,000.00	\$ -	\$90,000.00
3500-INVESTMENT PRIN.	20,000.00	-	11,500.00	8,500.00	-	8,500.00

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AN INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, 1957. ORIGINAL DISBURSEMENTS FROM FUND #535-770 WERE MADE DURING THE EARLY 1940's IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #535-770

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST TO MATURITY</u>	<u>PRINCIPAL</u>	<u>TOTAL INCOME ANTICIPATED</u>
SIoux IRRIGATION DIST. BONDS	1984 Serially	2.25%	\$2,160.00	\$8,500.00	\$11,660.00

(EXCESS OVER \$90,000.00 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/12-58 ATTORNEY GENERAL'S OPINION)

RECEIPTS:	* RETIREMENT OF BONDS	\$25,000.00	* ACCUMULATION OF RECEIPTS TO
	INTEREST ON BONDS	9,734.80	BOND GUARANTEE FUND
	SINKING FUND CASH	4,131.99	SINCE FUND CREATED IN 1939
		\$38,866.79	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - APRIL 1971

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOLSVILN, MILO W.	STATE ENGINEER	INC. JULY '70	\$1,800.00
BAESLER, GORDON	W.R. TECHNICIAN	INC. JULY '70	770.00
BALLIET, ALLEN	RODMAN	INC. JULY '70	510.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. OCT. '70	770.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '70	375.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '70	1,080.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '70	915.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '70	90.00
GEHRING, OSCAR	LAB. TECHNICIAN	INC. JULY '70	595.00
GRAY, GORDON	COMMISSIONER	STA. SEPT. '70	75.00
GRINDBERG, ALAN	ASST. STATE ENGINEER	INC. JULY '70	1,415.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '70	1,040.00
HANSON, WILLIAM	DRAFTSMAN	INC. OCT. '70	500.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. OCT. '70	1,100.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '70	540.00
JOCHIM, CLIFF	ATTORNEY	INC. JULY '70	675.00
KEATOR, LESTER	SOILS TECHNICIAN	STA. APRIL '70	345.00
KNOLL, JAMES	OPERATOR	INC. DEC. '70	550.00
KNUTSON, LEWIS	DRILLER	INC. JULY '70	710.00
KOCH, KAY	ACCOUNTANT	INC. JULY '70	575.00
KOTTSICK, ROSALIE	STENOGRAPHER	INC. SEPT. '70	335.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '70	1,125.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '70	575.00
MEES, LADARANA	FIELD ENGINEER	STA. NOV. '70	800.00
MURI, GARVIN	CHEMIST	INC. JULY '70	810.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '70	865.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '70	1,080.00
O'BRIEN, GEORGE	DRAFTSMAN	INC. JULY '70	550.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '70	1,010.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '70	477.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '70	715.00
SCHANTZ, GEORGE	DRAFTSMAN	RES. MAR. '71	1,205.80
SCHMID, ROGER	GROUND-WATER HYDROL.	INC. JULY '70	1,010.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '70	1,225.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '70	710.00
SIEMS, MYRNA	STENOGRAPHER	INC. SEPT. '70	300.00
SIMENSON, KENNETH	DESIGN ENGINEER	INC. JULY '70	1,060.00
SPEAKS, GLENN	OPERATOR	INC. JULY '70	580.00
SWANSON, RONALD	PROJECT ENGINEER	STA. JULY '70	1,000.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '70	450.00
ULRICH, ROGER	RODMAN	INC. JULY '70	465.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '70	735.00
WELCH, CYNTHIA	OJT STENOGRAPHER	STA. SEPT. '70	85.00
SWC GROUP INS.-37			187.76
SWC RET-MATCHING			1,188.11
OASIS			287.83
SOCIAL SECURITY			<u>1,769.34</u>
			\$35,030.84

NORTH DAKOTA STATE WATER COMMISSION*****FUNCTION SUMMARY FOR MONTH ENDING 04/30/71

FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BUD
100 ADMINISTRATIVE AND LEGAL	\$ 1,783.63	\$ 30,479.10*	18.5 %	\$ 165,000
100 COMPREHENSIVE PLANNING	\$ 15,824.09	\$ 239,545.49	85.6 %	\$ 280,000
101 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	\$ 2,118.03	\$ 84,422.13	42.2 %	\$ 200,000
102 METES & BOUNDS SURVEYS	\$.00	\$ 6,410.56	64.1 %	\$ 10,000
103 TEST BORINGS AT PROJECT SITES	\$ 237.61	\$ 5,362.60	26.8 %	\$ 20,000
104 SOIL ANALYSIS	\$ 671.15	\$ 31,228.06	104.1 %	\$ 30,000
105 HYDROLOGIC STUDIES	\$.00	\$ 167.82	.3 %	\$ 67,000
106 DESIGN	\$ 4,832.10	\$ 72,073.05	96.1 %	\$ 75,000
107 RESEARCH	\$.00	\$.00	.0 %	\$ 15,000
110 REPORT PUBLICATION	\$.00	\$.00	.0 %	\$ 15,000
111 GROUND WATER SURVEY-PRE PLANNING	\$ 487.61	\$ 21,820.36	94.9 %	\$ 23,000
112 GROUND WATER SURVEY-WATER RECORD	\$ 620.61	\$ 1,535.18	76.8 %	\$ 2,000
113 GROUND WATER SURVEY-GEOLOGICAL STUDIES	\$.00	\$.00	.0 %	\$.00
114 GROUND WATER SURVEY-SUBSURFACE EXPLORATION	\$.00	\$ 207,394.72	103.7 %	\$ 200,000
115 GROUND WATER SURVEY-QUALITY OF WATER WORK	\$ 1,623.00	\$ 39,192.49	130.6 %	\$ 30,000
116 GROUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	\$.00	\$ 81,892.38	126.0 %	\$ 65,000
117 GROUND WATER SURVEY-DATA COMPILATION & ANALYSIS	\$.00	\$ 5,353.01	35.7 %	\$ 15,000
118 GROUND WATER SURVEY-RPT PREP & REVIEW	\$ 242.29	\$ 8,550.14	85.5 %	\$ 10,000
119 GROUND WATER SURVEY-SPECIAL INVESTIGATIONS	\$ 36.19	\$ 47,681.55	59.6 %	\$ 80,000
120 GROUND WATER SURVEY-REPAY	\$.00	\$ 289,056.95	240.9 %	\$ 120,000
101 CONSTRUCTION-DAMS & RELATED APPURTENANCES	\$ 123.70	\$ 799,229.85	110.2 %	\$ 725,000
102 CONSTRUCTION-RECREATION FACILITIES	\$.00	\$ 197,386.95	303.7 %	\$ 65,000
103 CONSTRUCTION-IRRIGATION FACILITIES	\$.00	\$.00	.0 %	\$ 10,000
104 CONSTRUCTION-FLOOD CONTROL	\$.00	\$ 168,094.20	42.0 %	\$ 400,000
105 CONSTRUCTION-PILOT WELLS	\$.00	\$.00	.0 %	\$ 10,000
101 OP & MAINT-DAMS & RELATED APPURTENANCES	\$ 156.20	\$ 311,870.60	239.9 %	\$ 130,000
102 OP & MAINT-RECREATION FACILITIES	\$.00	\$ 1,340.35	13.4 %	\$ 10,000
103 OP & MAINT-IRRIGATION FACILITIES	\$.00	\$.00	.0 %	\$ 10,000
104 OP & MAINT-FLOOD CONTROL	\$ 2,798.98	\$ 100,857.83	87.7 %	\$ 115,000
TOTALS	\$ 30,774.99	\$ 2,750,945.37	94.9 %	\$ 2,897,401

Std. 91.740

* does not include \$ 69,571.58 non-project operating Co.

NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON
1969-71 APPROPRIATIONSMay 10, 1971
SWC File No. C5-1.4

ACCT.	OBJECT	APR. 1971 EXPEND.	JULY 1, '69 APR. 30, '71 EXPEND.	1967-69 BUDGET (Salaries Standard 87.5)	EXP. % OF BUDGET (STD. 91.7) **
1000	Salaries	\$31,597.80	\$ 636,889.18	\$ 743,831.05	85.6
1820	Oasis	287.83	3,677.18	4,700.00	78.2
1830	Social Security	1,769.34	25,364.65	29,200.00	86.9
1840	Medical Insurance	187.76	3,771.55	4,400.00	85.7
1850	Workmen's Compensation	-	2,729.68	4,500.00	60.7
1880	State Retirement	1,188.11	23,702.22	24,101.00	98.3
	TOTAL SALARIES & WAGES	\$35,030.84	\$ 696,134.49	\$ 810,732.05 (1)	85.9
2110	Meals and Lodging	\$ 1,325.84	\$ 65,137.95	\$ 73,000	89.2
2120	Personal Vehicle Mileage	311.27	5,173.17	7,000	73.9
2130	Comm. Transportation	218.00	7,892.42	11,000	71.7
2150	Miscellaneous Travel	94.06	2,015.42	3,000	67.2
2210	Water-Garbage	6.10	169.08	200	84.5
2220	Natural Gas	47.60	860.67	1,000	86.1
2230	Electricity	34.12	717.71	800	89.7
2310	Rental - Equipment	-	1,775.49	5,000	35.5
2410	Postage	110.68	2,426.23	4,000	60.7
2420	Telephone	194.31	4,133.70	5,000	82.6
2510	Repair Equipment	541.10	8,210.65	12,000	68.4
2513	Maintenance Contracts	-	3,471.94	2,000	173.6
2560	Repair Building & Grounds	-	58.75	700	8.4
2612	Legal Fees	-	165.00	100	165.0
2613	Audit Fees	-	293.70	100	293.7
2614	Engineering Fees	-	928.70	1,400	66.3
2618	Data Processing Fees	216.00	3,752.00	3,300	113.7
2626	Appraisal Fees	-	-	200	-
2650	Consulting Fees	-	175.00	500	35.0
2682	Photographers Fees	153.40	1,215.70	500	243.1
2699	Misc. Professional Fees	-	2,936.95	2,000	146.8
2720	Property Insurance	-	284.28	400	71.1
2730	Liability Insurance	-	830.00	900	92.2
2911	Radio - Newspaper Fees	-	55.23	300	18.4
2912	Rewards, Premiums	-	189.51	200	94.8
2914	Licenses and Taxes	-	425.00	200	212.5
2915	Dues	2,060.00	4,694.33	5,000	93.9
2916	Freight	-	740.32	1,500	49.4
2999	Miscellaneous	-	405.35	1,000	40.5
	TOTAL FEES AND SERVICES	\$ 5,312.48	\$ 119,134.25	\$ 142,300 (2)	83.7
3100	Office Supplies	\$ 1,173.98	\$ 14,460.90	\$ 15,000	96.4
3110	EDP Supplies	-	115.05	500	23.0
3120	Printing	3,385.00	11,025.92	35,300	31.2
3130	Books, Subscriptions	187.30	3,540.29	3,400	104.1
3132	Films	-	141.18	600	23.5

ACT.	OBJECT	APR. 1971 EXPEND.	JULY 1, '69 APR. 30, '71 EXPEND.	1967-69 BUDGET	EXP. % OF BUDGET (STD. 91.7) **
3600	Hdwe, & Bldg. Supplies	\$ 558.56	\$ 29,642.71	\$ 54,000	54.9
3700	Motor Vehicle Supplies	632.16	30,104.28	32,000	94.1
3800	Parts (Include Tires)	1,123.83	24,488.90	28,000	87.5
3959	Miscellaneous	-	622.93	700	89.0
	TOTAL SUPPLIES & MATERIALS	<u>\$ 7,060.83</u>	<u>\$ 114,142.46</u>	<u>\$ 170,500 (3)</u>	<u>66.9</u> ✓
4100	Office Equipment	\$ -	\$ 4,812.70	\$ 4,000	120.3
4300	Motor Vehicles	-	22,813.23	28,500	80.0
4400	Machines and Equipment	-	1,729.98	2,500	69.2
	TOTAL EQUIPMENT	<u>\$ -</u>	<u>\$ 29,355.91</u>	<u>\$ 35,000</u>	<u>83.9</u> ✓
5909	Special Line Item	\$ -	\$ -	\$ 1,168.95 (4)	-
7700	Basins Commission	\$ -	\$ 59,796.57	\$ 60,000	99.7
	TOTAL GENERAL OPERATIONS APPROP.	\$40,404.15	\$1,011,563.68	\$1,219,701	82.9
5500	Contract Payments	\$ 200.00	\$1,738,840.23	\$1,850,000 (5)	94.0
	TOTAL STATE WATER COMM. BUDGET	<u>\$40,604.15</u>	<u>\$2,750,403.91</u>	<u>\$3,069,701 (6)</u>	<u>89.6</u>

(1) Appropriation \$728,732.05 -
Federal Grant 82,000.00 ✓
\$810,732.05

(2) Appropriation \$140,000.00
Federal Grant 2,300.00
\$142,300.00

(3) Appropriation \$150,500.00
Federal Grant 20,000.00
\$170,500.00

(4) Special Line Item
\$1,168.95 Transferred
From Salaries

(5) Appropriation \$ 570,000.00 ✓
Carryover 430,000.00 ✓
\$1,000,000.00
Collection Est. 850,000.00
\$1,850,000.00

(6) Appropriated Funds:
General Operations \$1,219,701.00
Contract Funds 1,000,000.00
\$2,219,701.00
Estimated Contract Fund Collection 850,000.00
\$3,069,701.00

** 22/24 months - 91.7 percent biennium elapsed

Dist:
MWH
ALG
ME
KK
Commissioners